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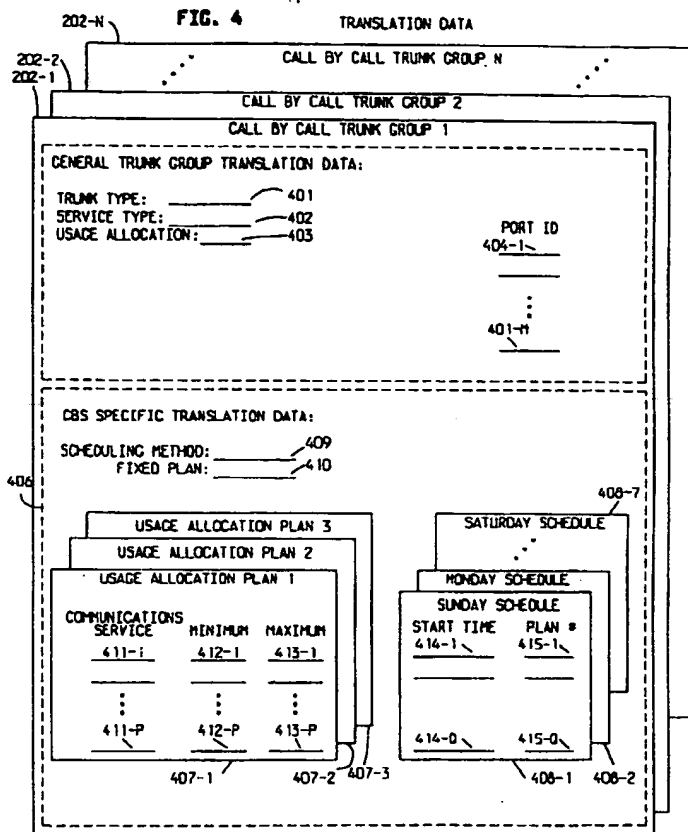
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(54) **Resource allocation scheme.**

(57) A scheme for allocating a plurality of resources to a plurality of resource uses permits maximum and minimum resources to be specified for each resource use. In response to a request for the allocation of a resource to a resource use, a resource will be allocated to that resource use if such an allocation will not exceed the maximum allocation for that

resource use and such an allocation permits a minimum number of reserved resources to be maintained for at least one other resource use. This scheme, which can be administered via software, is particularly suitable for the allocation of resources in a communications system.

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## EUROPEAN SEARCH REPORT

Application Number

EP 90 30 8650

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	ELECTRONICS AND COMMUNICATIONS IN JAPAN. vol. 68, no. 9, September 1985, NEW YORK US pages 88 - 97; A.TODA: 'Traffic Control Strategies for a Both-Way Circuit-Group' * page 88, right column, paragraph 3 - page 91, right column, paragraph 3; figures 1-8 * - - -	1-4, 12-16,23	H 04 Q 11/04 H 04 M 11/06
A	INTERNATIONAL CONFERENCE ON COMMUNICATIONS ICC-85, SESSION 25, PAPER 2. vol. 2, 23 June 1985, CHICAGO US pages 1 - 4; A.C.L. CHENG: 'Virtual Fiber Networking' * the whole document * - - -	1,3,12,13, 15,23	
A	INTERNATIONAL TELETRAFFIC CONGRESS 1985 vol. 5, 1985, AMSTERDAM NL pages 730 - 736; R.HUBERMAN ET AL.: 'Multihour Dimensioning for a Dynamically Routed network' * the whole document * - - -	6,7,18,19	
P,X	GLOBECOM '89, SESSION 24, PAPER 2 vol. 2, 27 November 1989, DALLAS US pages 1 - 6; S.ERFANI ET AL.: 'An Expert System-based Approach to Capacity Allocation in a Multiservice Application Environment' * the whole document * - - -	1-23	TECHNICAL FIELDS SEARCHED (Int. Cl.5)  H 04 Q
E	EP-A-0 405 830 (AT&T) * the whole document * - - - - -	1-23	
The present search report has been drawn up for all claims			
Place of search  The Hague		Date of completion of search  27 February 92	Examiner  KURVERS F.J.J.
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention		E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document	